



FEMA



Prepared by
Brian Hoeth & Todd Beal

FEMA Region 6 Weather Threat Briefing

Wednesday, December 5, 2018

Disclaimer: The purpose of this briefing is to provide a **Regional** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information. To find your local NWS forecast office, go to www.weather.gov/srh.

Summary of the Upcoming Week



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Today - Thursday

- **No significant weather impacts expected.**

Friday

- **Winter weather impacts for E NM, TX/OK Panhandles, W&NW TX, OK, N AR.**
 - **Ice accumulations will likely cause travel impacts, some power outages, and tree damage for the TX Panhandle/NW TX into W/Central OK.**
- **Heavy rain/flash flooding possible across Central/E/SE TX.**
- **Marginal risk of severe storms for South-Central/S TX.**

Saturday

- **Winter weather impacts continue across E NM, TX/OK Panhandles, W&NW TX, OK, & N AR.**
- **Isolated heavy rain/flash flooding possible across E TX/LA.**

Sunday

- **No significant weather impacts expected.**

FEMA Region 6 Threat Matrix

Dec 5, 2018 – Dec 9, 2018



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DAY / THREAT	WED	THU	FRI	SAT	SUN
Severe Storms			S-Central/STX		
Heavy Rain / Flash Flooding			Central/E/SE TX	ETX/LA	
Winter Weather			TX Panhandle/NW TX/W&Central OK	TX Panhandle/NW TX/W&Central OK	
			E NM/W TX/E OK/ N AR	E NM/W TX/E OK/ N AR	
Fire Weather					
River Flooding			TX	TX	TX

	No Weather Threats Expected
	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

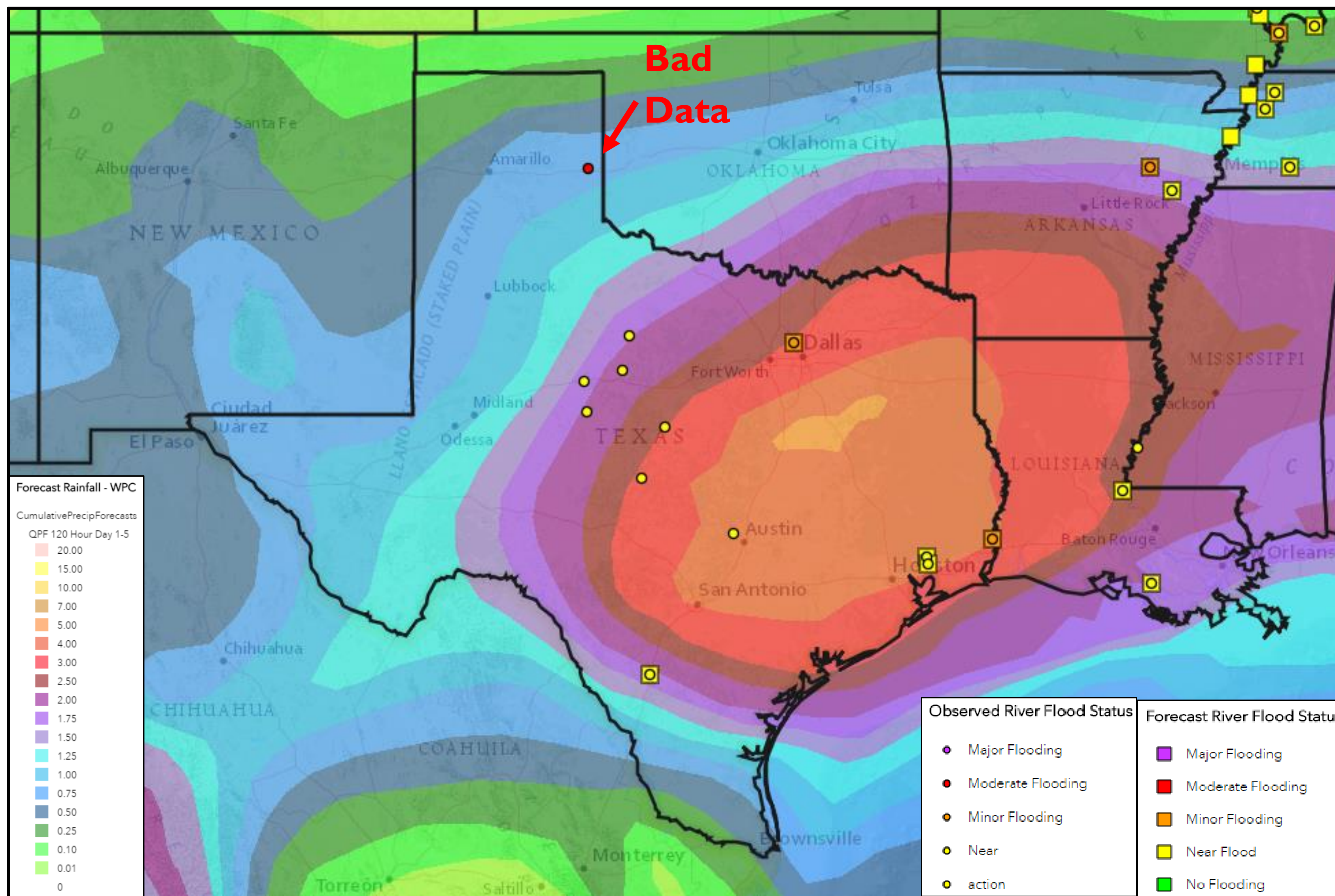
**Threat levels are based on FEMA Region 6 criteria.
State or local threat level criteria may differ.*
For more details on the colors in the threat matrix refer to the last slide in this briefing.*

5-Day Precipitation Forecast & River Flood Status



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Note: Even though the image displays 5 days of forecasted rainfall, river forecasts only include 1-2 days of rainfall



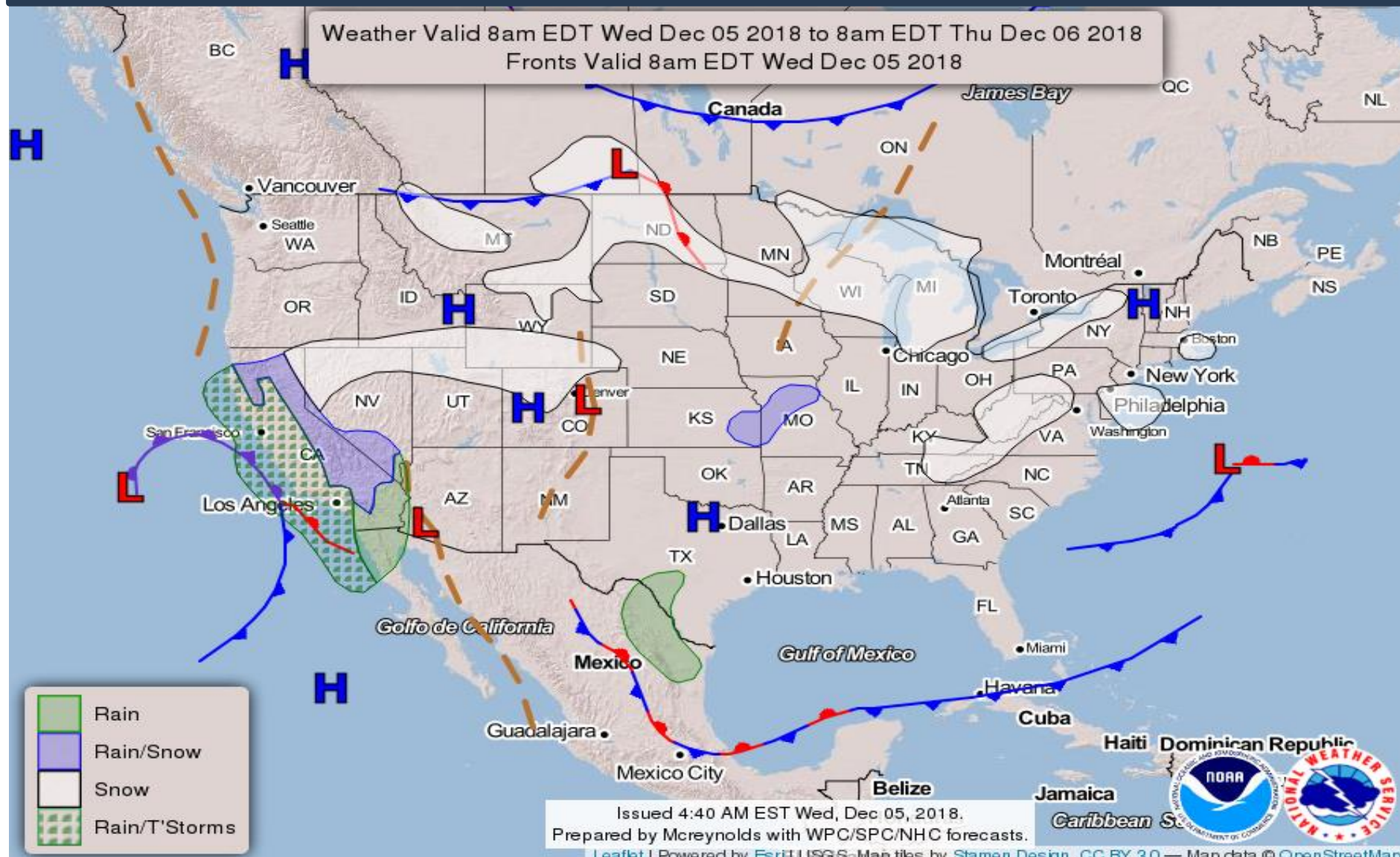
Widespread rainfall returns to portions of TX by Thursday afternoon and expected to continue through Saturday, which may lead to renewed river flooding for portions of Central, North, East, and Southeast Texas by the end of the week.

Today's Weather

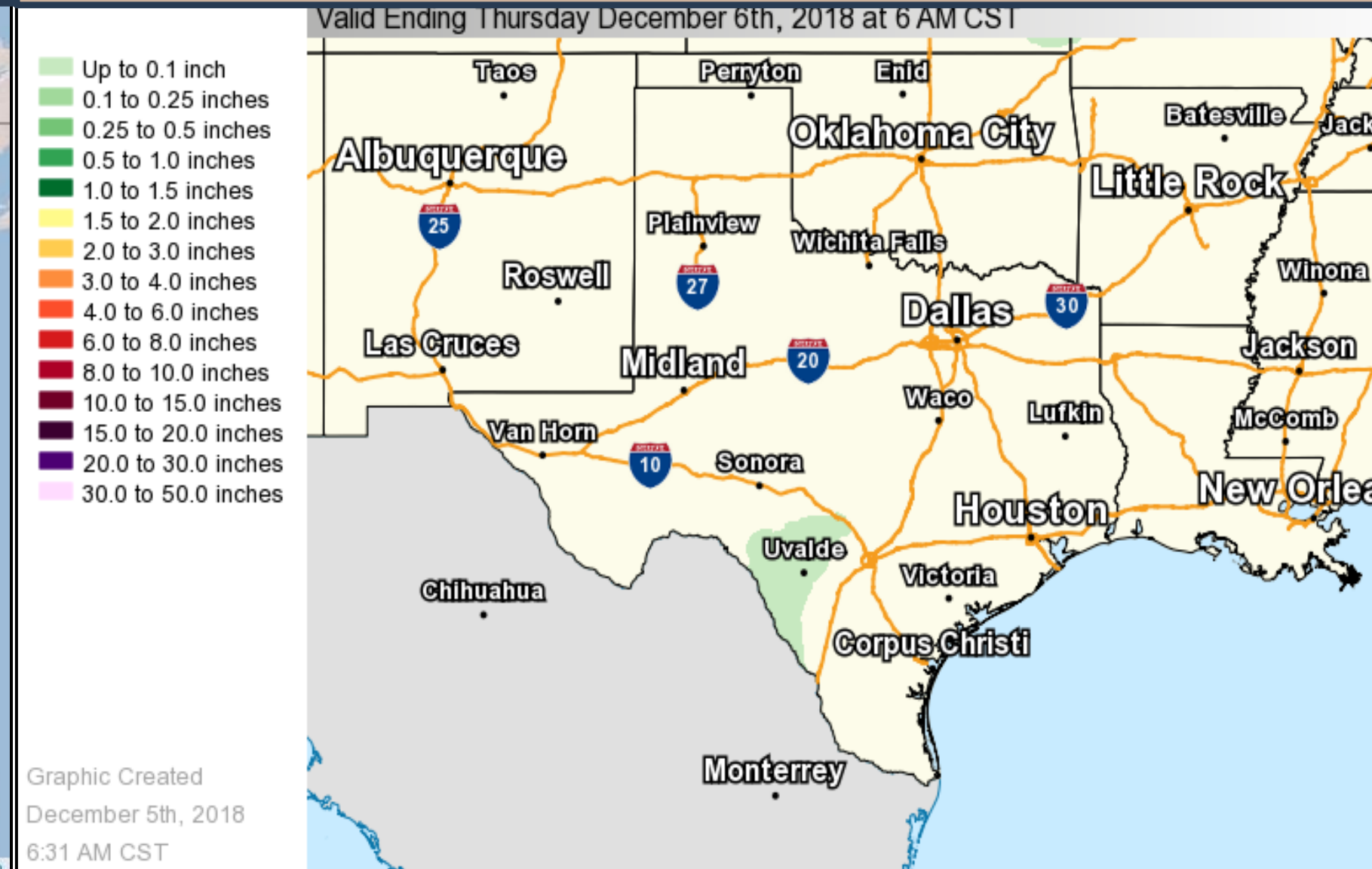


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Forecast Chart

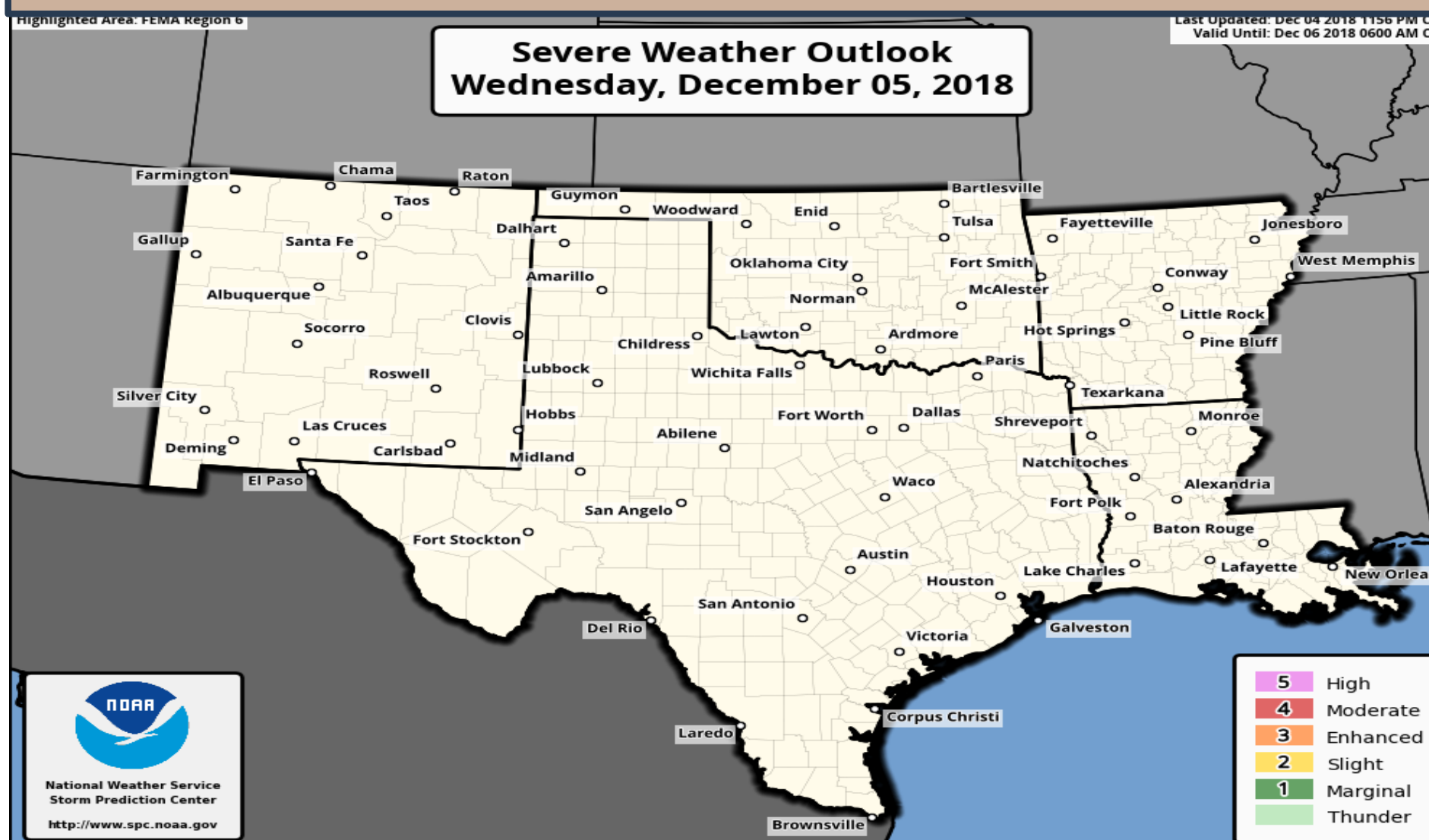


Forecast Rainfall

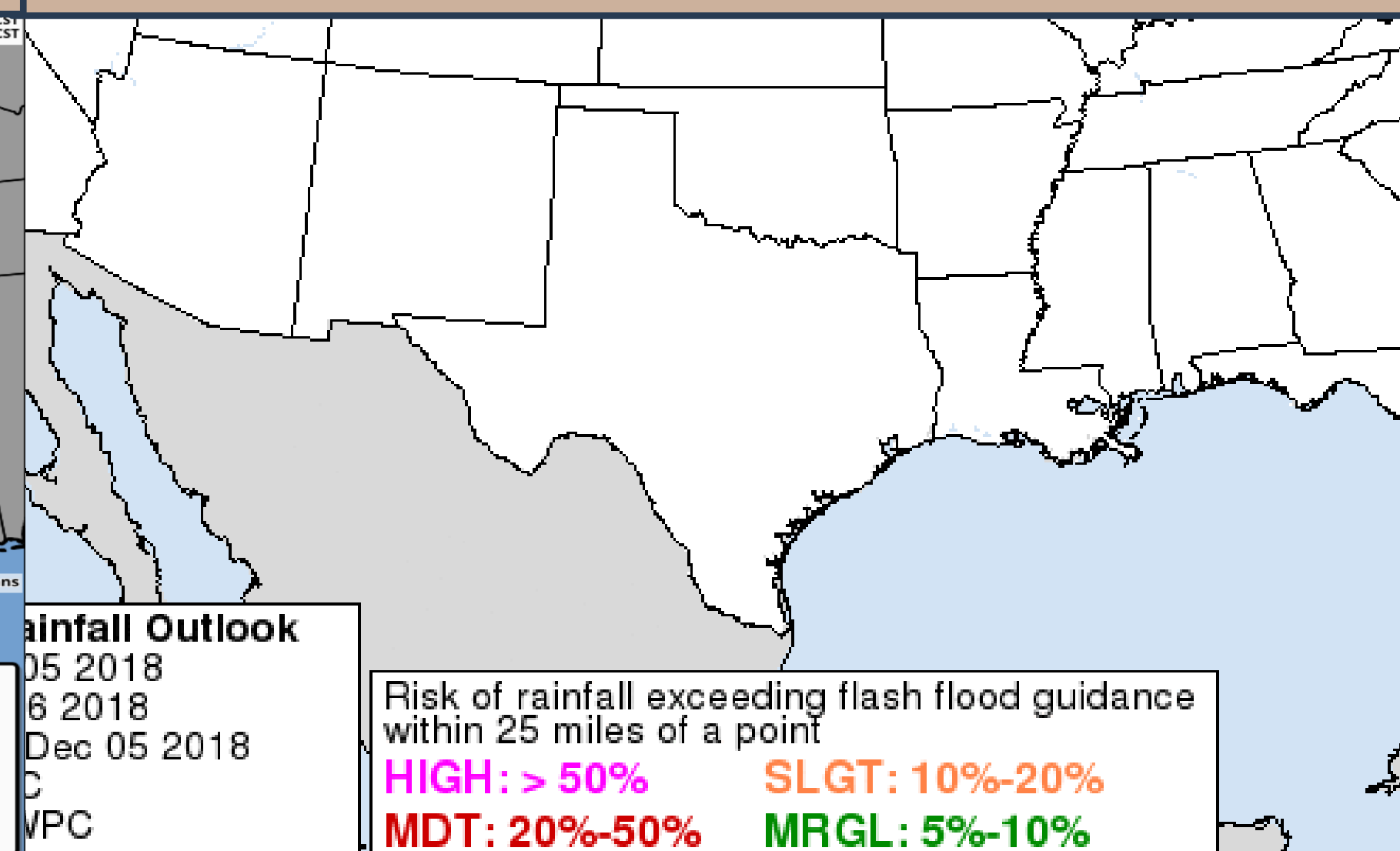


No Significant Weather Impacts Expected.

Severe Weather Outlook



Excessive Rainfall Outlook



Watches, Warnings, and Advisories



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Fire Weather



Graphic Created

Severe Weather & Flooding



Graphic Created

Winter Storm Watches in effect across the TX Panhandle, TX South Plains, and NW TX into Western and Central OK from Friday into Saturday.

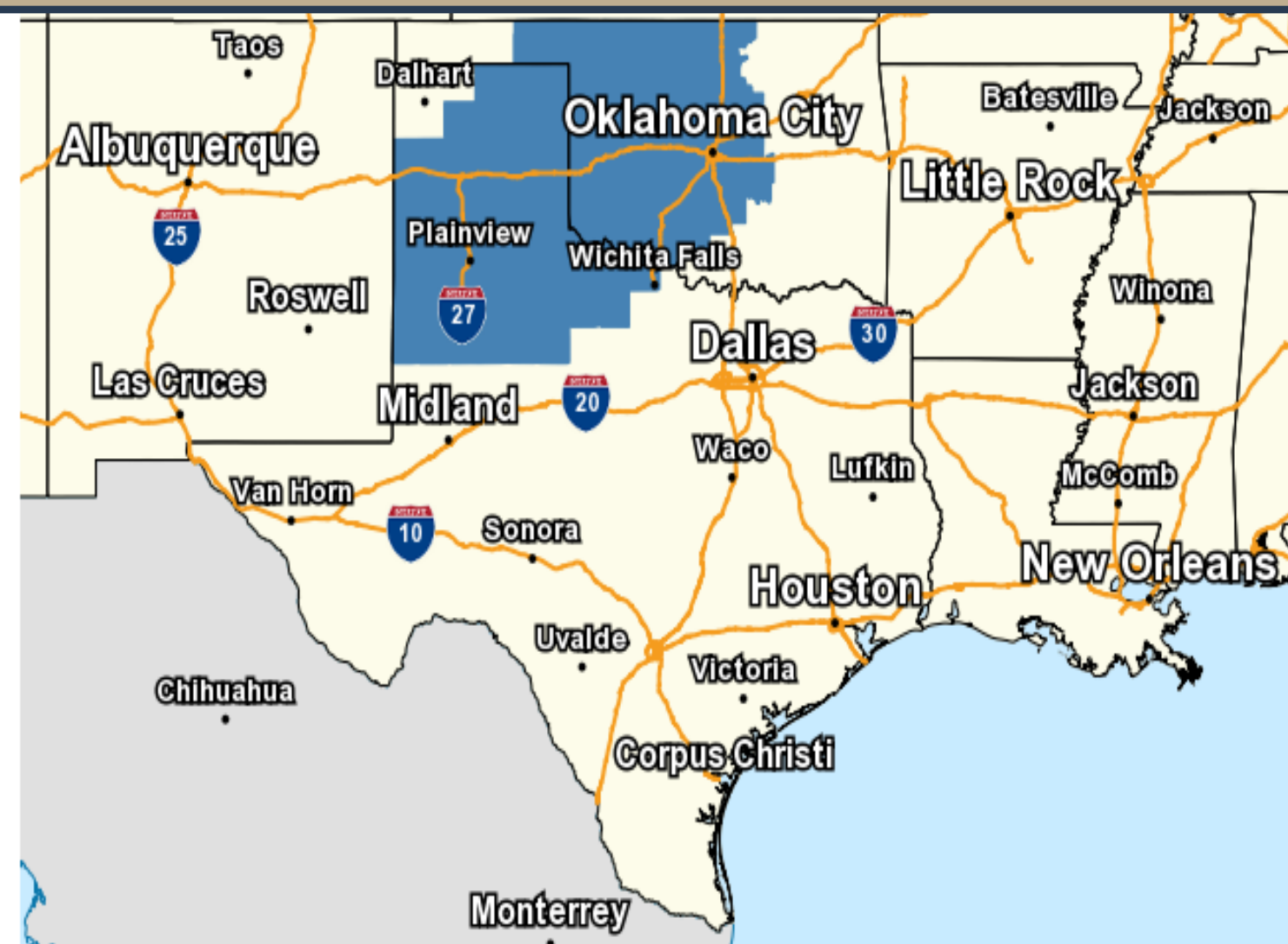
Travel impacts are expected and some power outages and tree damage possible.

Strong & Gusty Winds



Graphic Created

Winter Weather



Graphic Created

Tomorrow's Weather

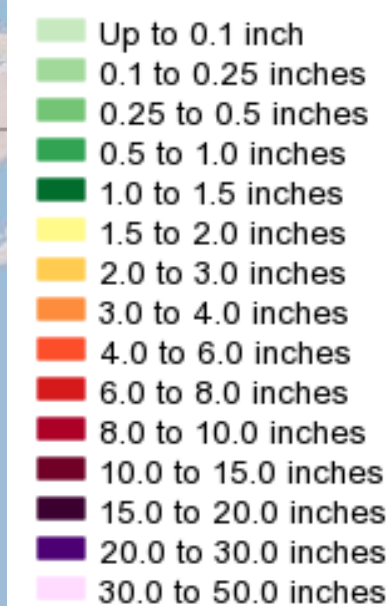
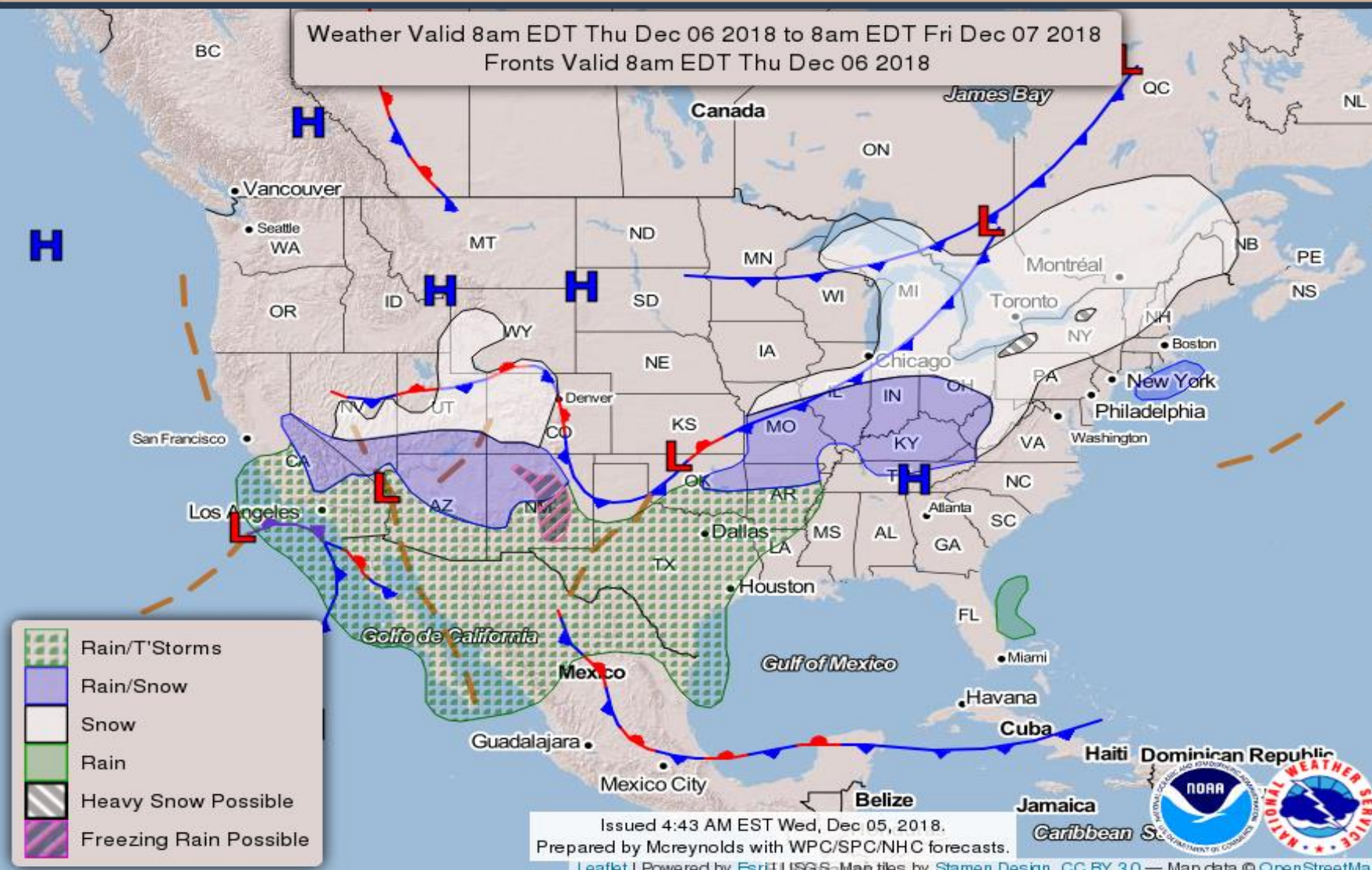


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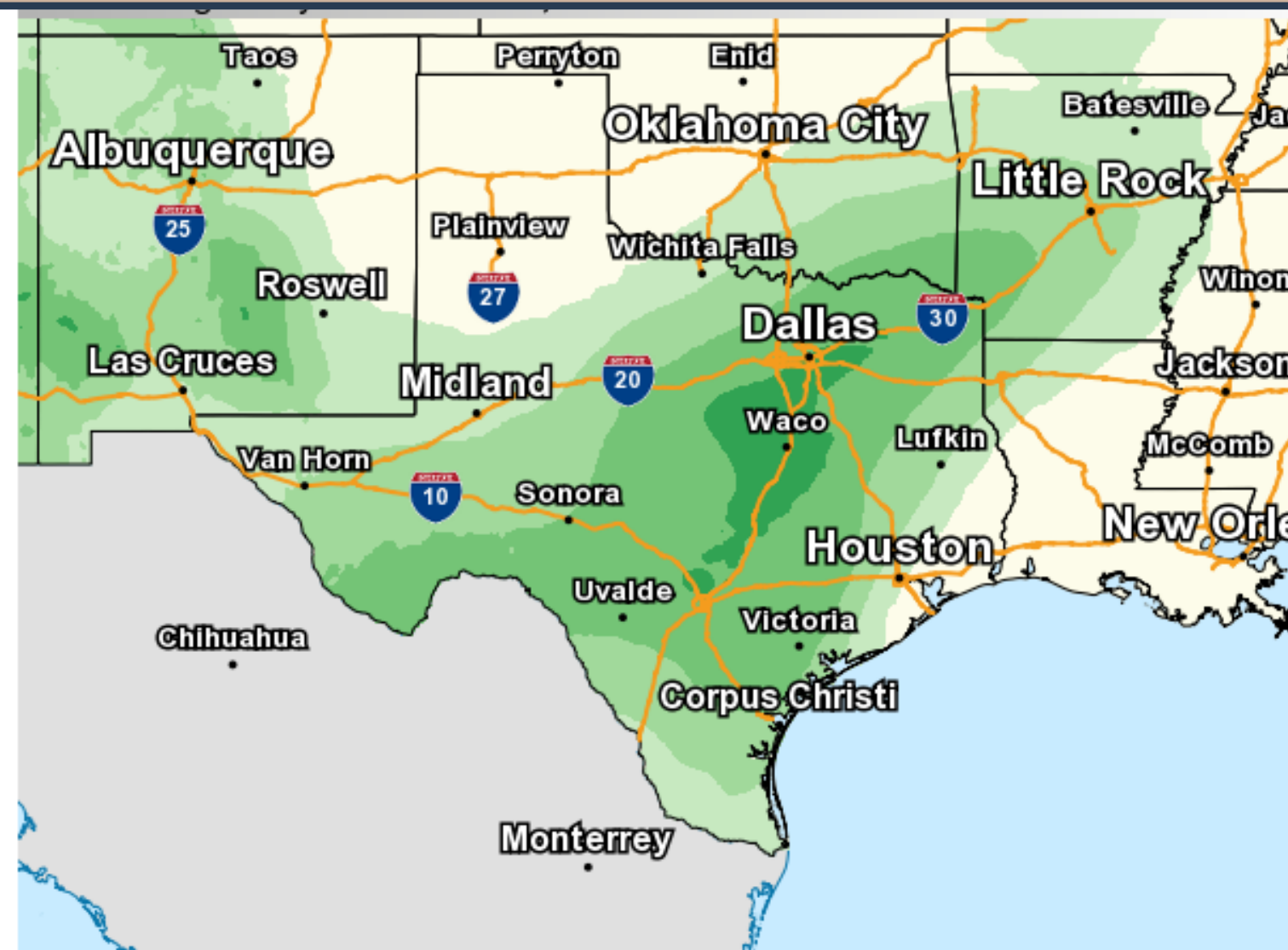
Forecast Chart

Forecast Rainfall

No Significant Weather
Impacts Expected.



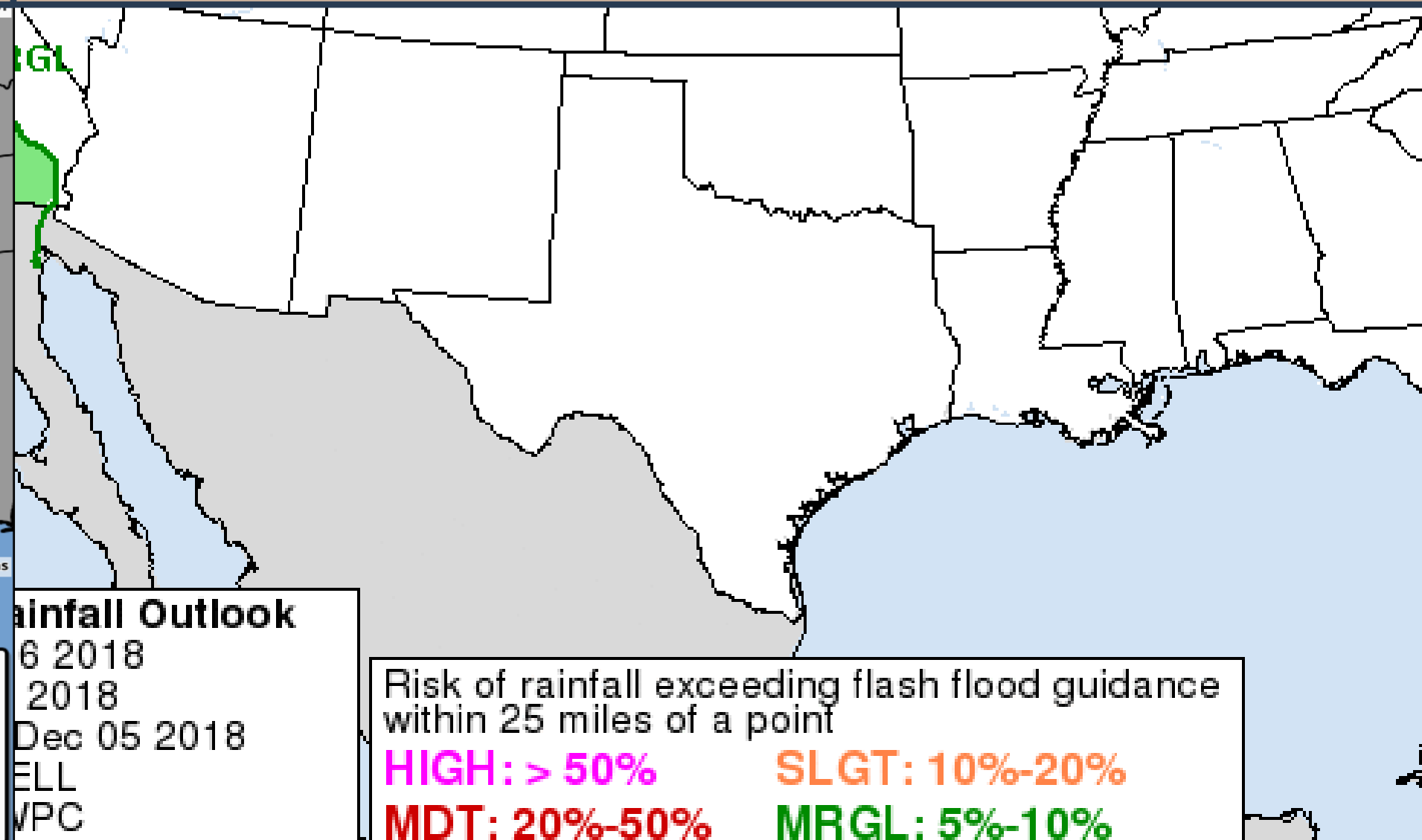
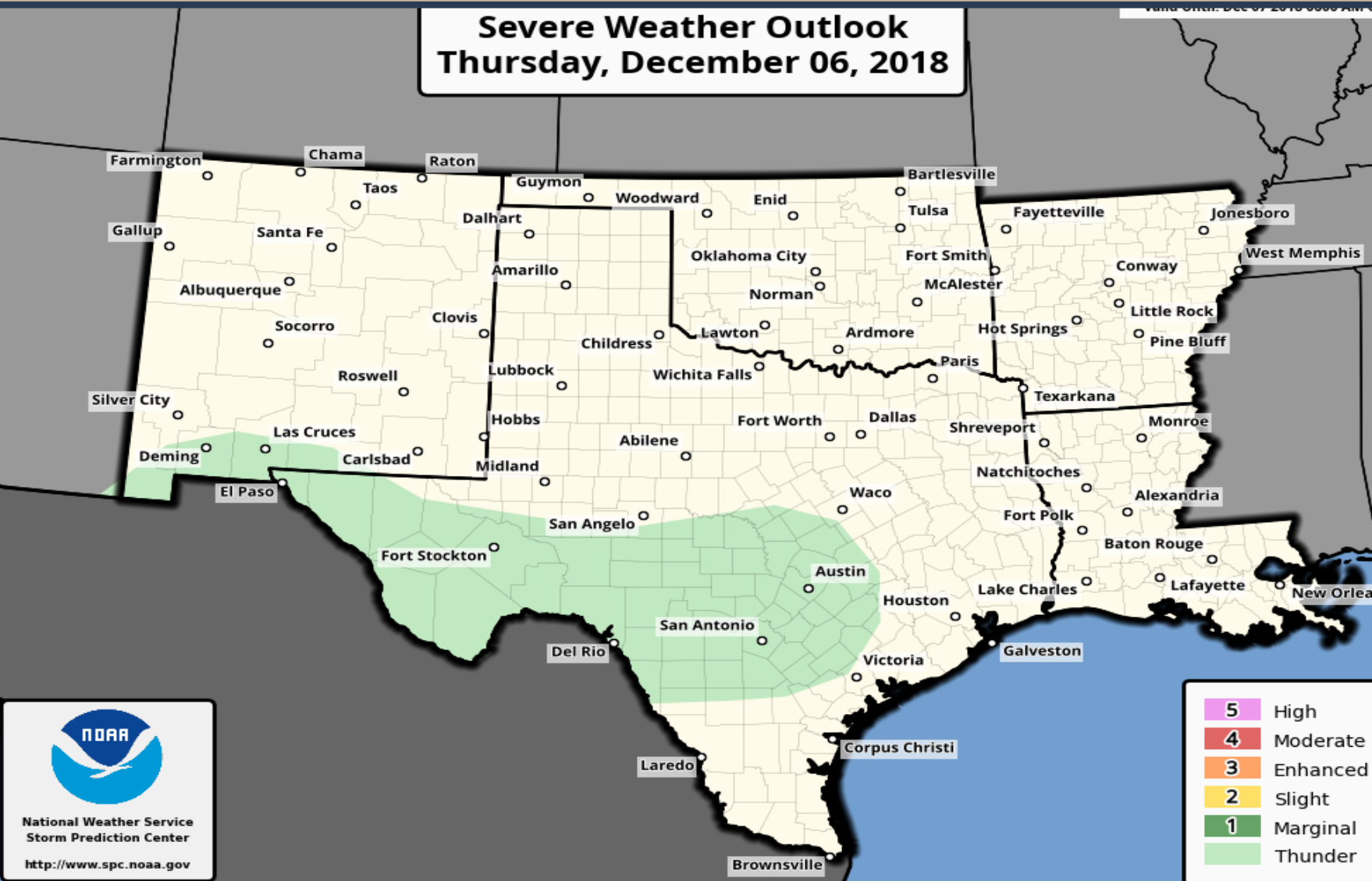
Graphic Created
December 5th, 2018
6:32 AM CST



Severe Weather Outlook

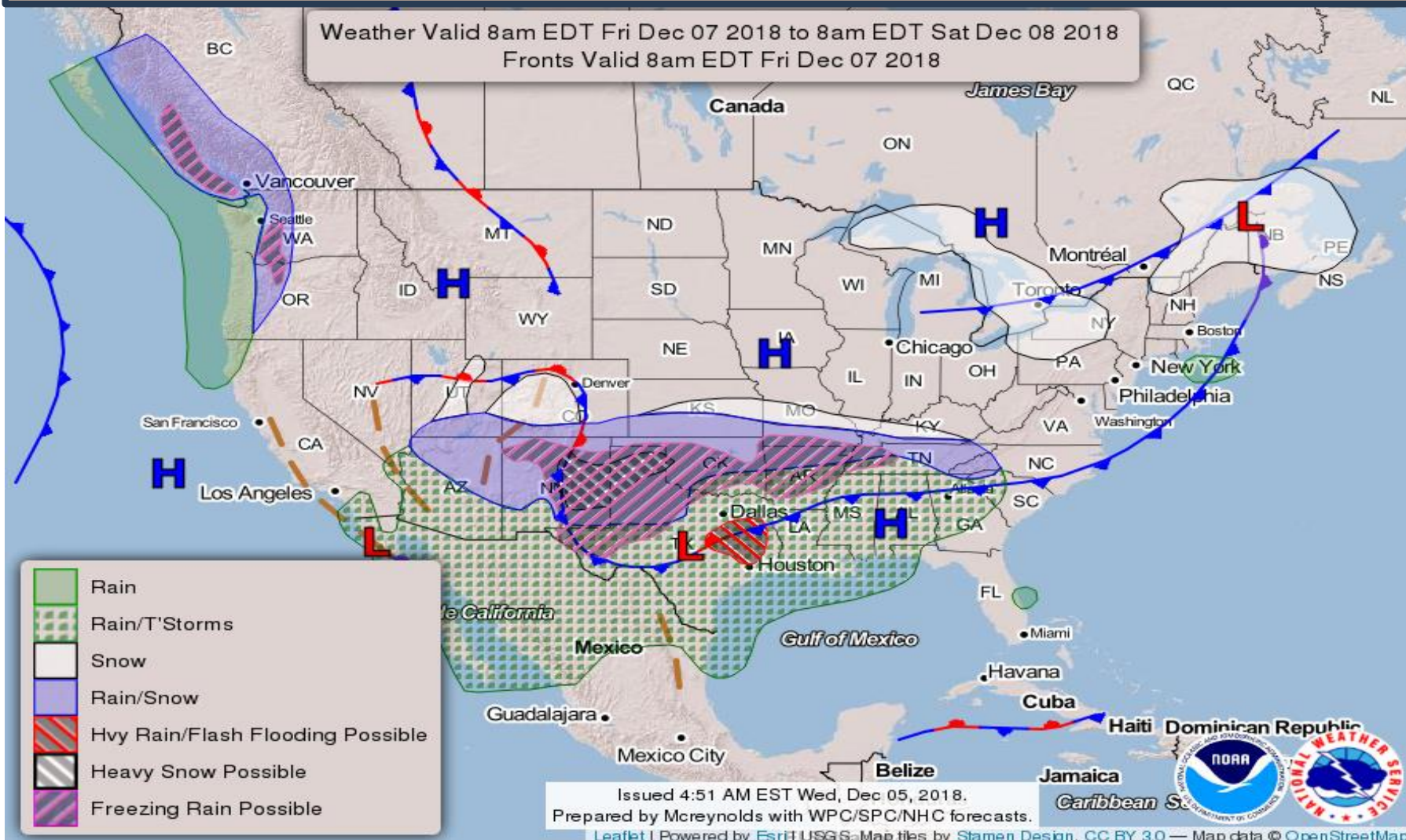
Excessive Rainfall Outlook

Severe Weather Outlook
Thursday, December 06, 2018

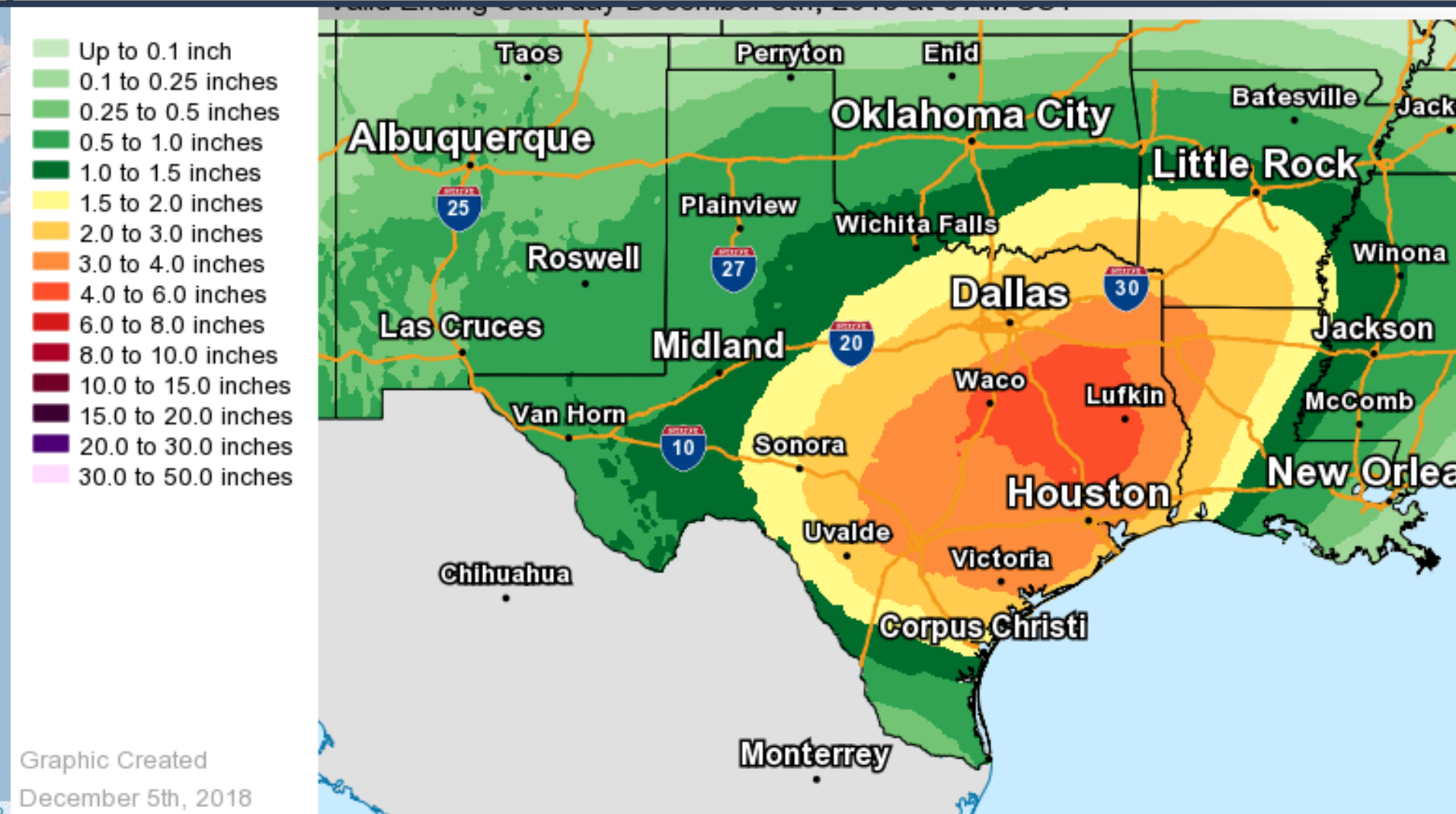


Friday's Weather

Forecast Chart



Forecast Rainfall



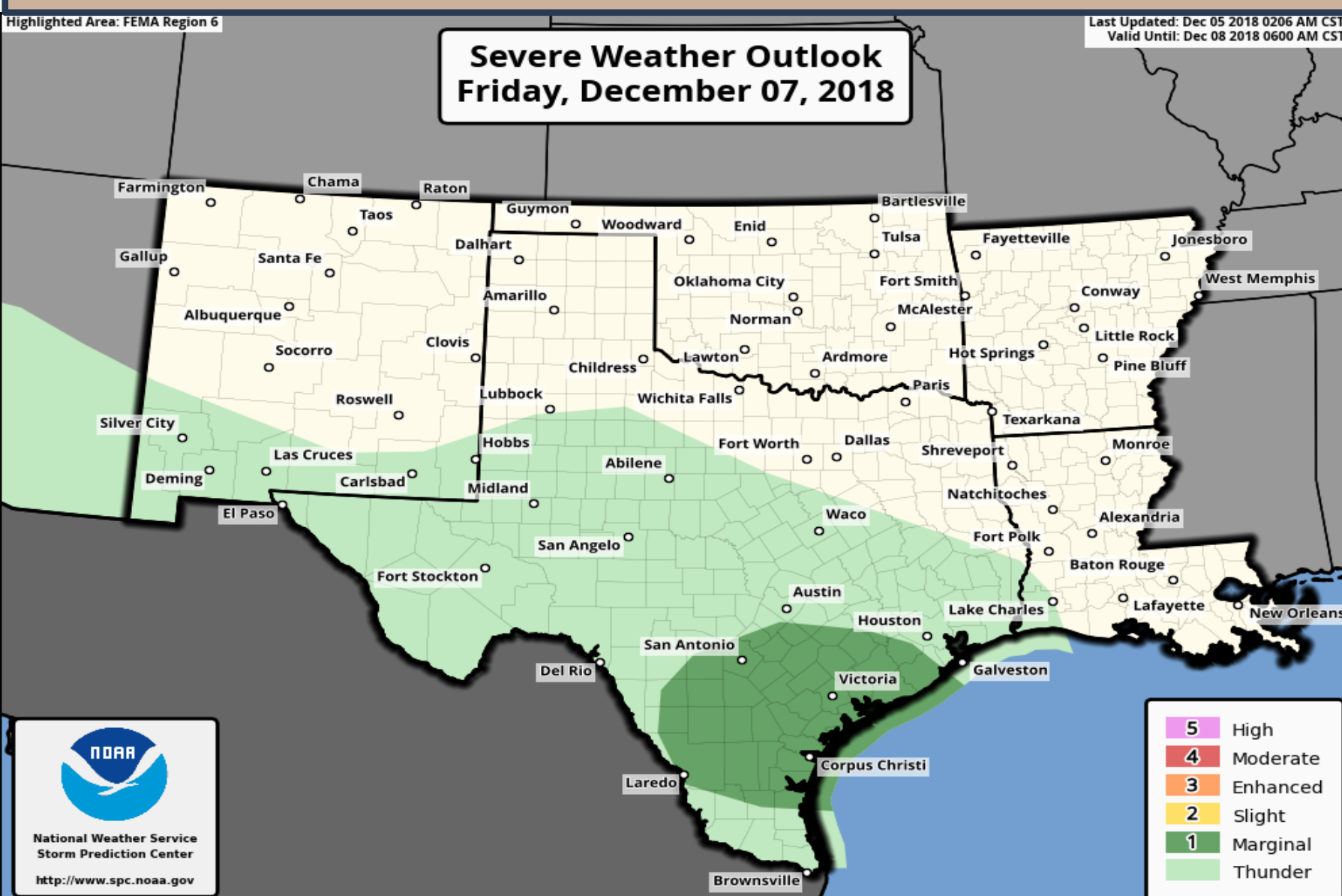
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Winter weather impacts for E NM, TX/OK Panhandles, W&NW TX, OK, N AR. Ice accumulations will likely cause travel impacts, some power outages, and tree damage for the TX Panhandle/NW TX into W/Central OK.

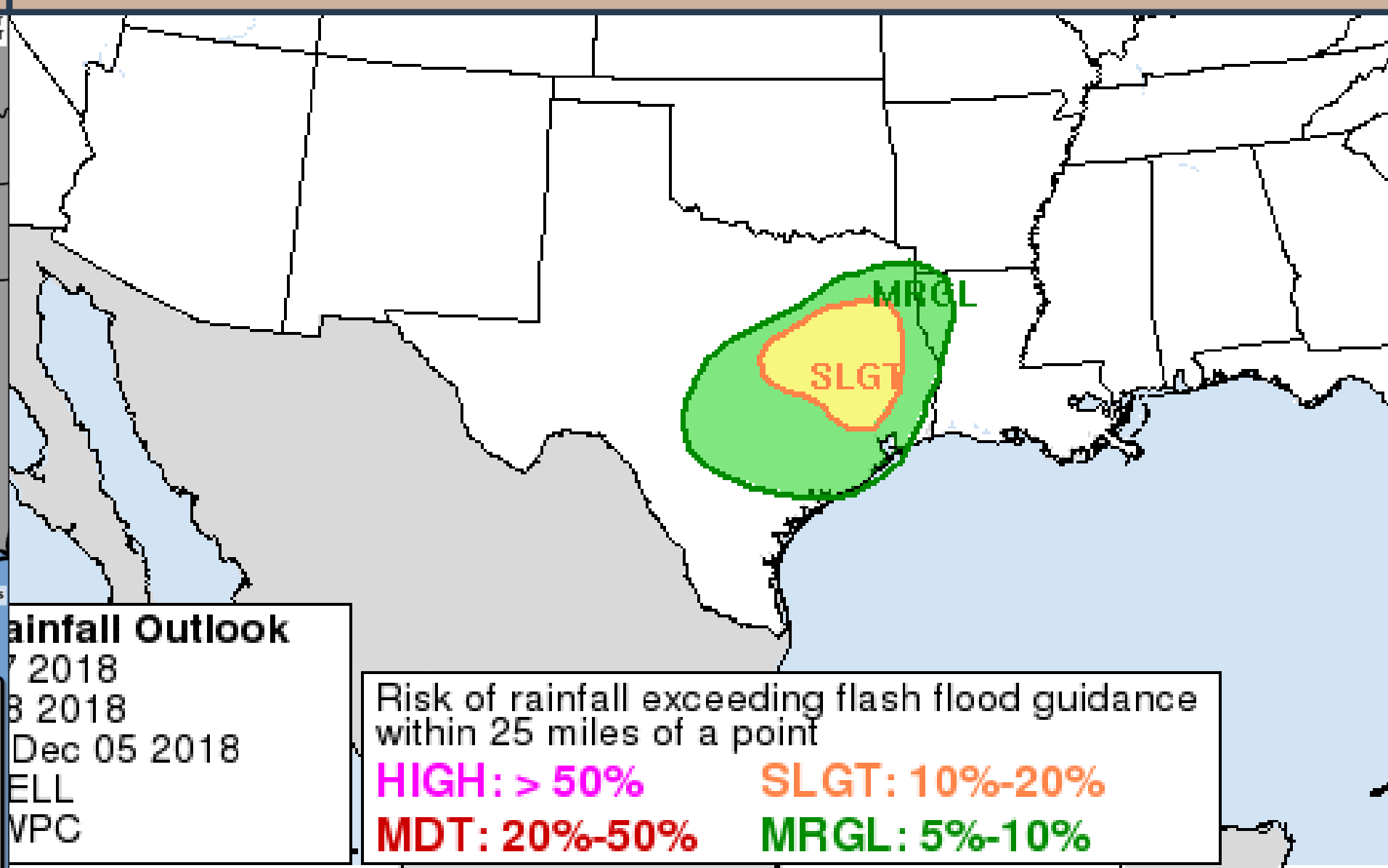
Heavy Rain/Flash Flooding for Central/E/SE TX.

Marginal risk of severe storms for S-Central & S TX.

Severe Weather Outlook



Excessive Rainfall Outlook

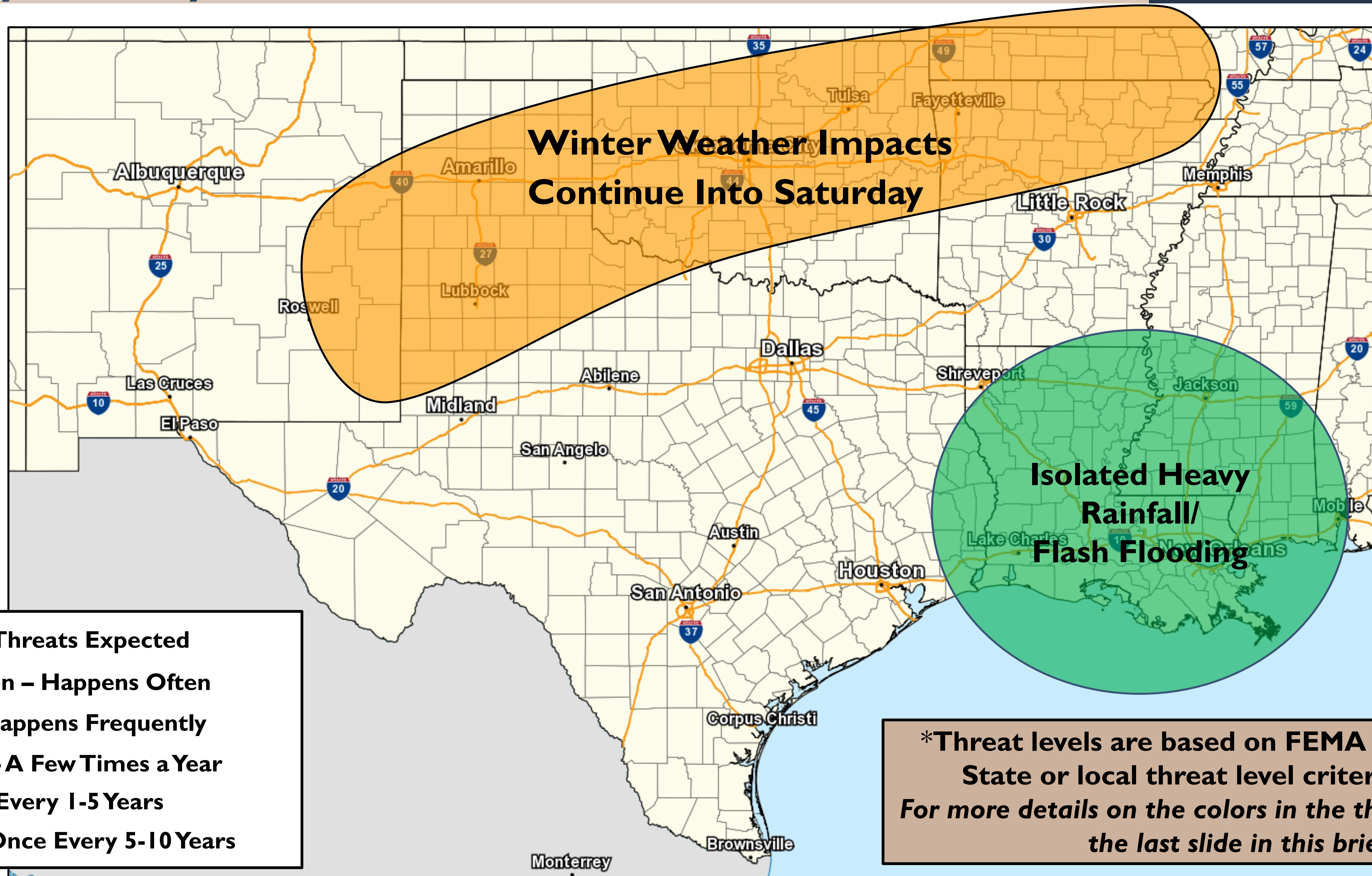


Days 4-5 Weather Hazards

Saturday - Sunday



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- No Weather Threats Expected
- Very Common – Happens Often
- Common – Happens Frequently
- Uncommon – A Few Times a Year
- Rare – Once Every 1-5 Years
- Very Rare – Once Every 5-10 Years

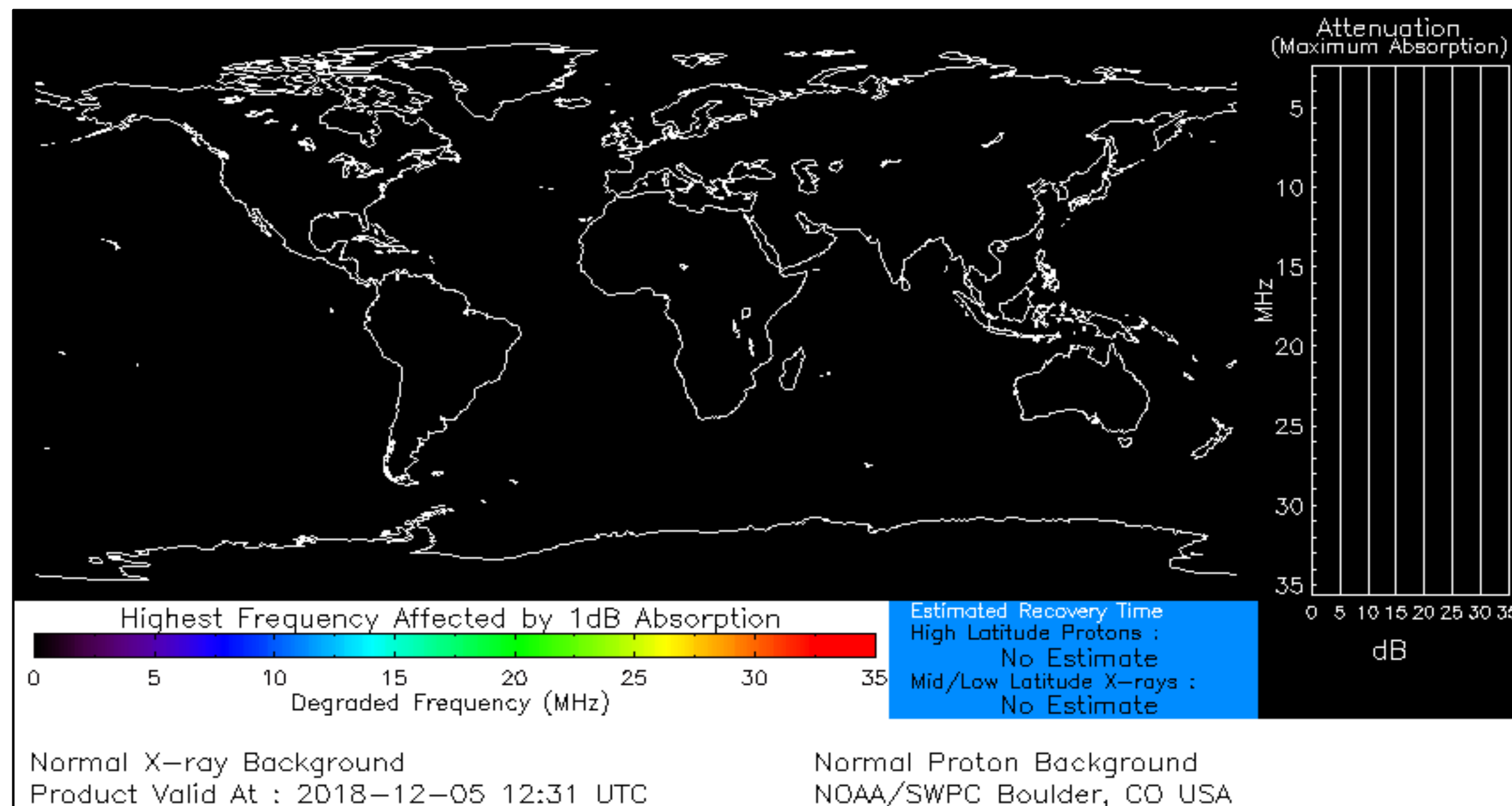
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For more details on the colors in the threat matrix refer to the last slide in this briefing.*

Space Weather 3-Day Forecast



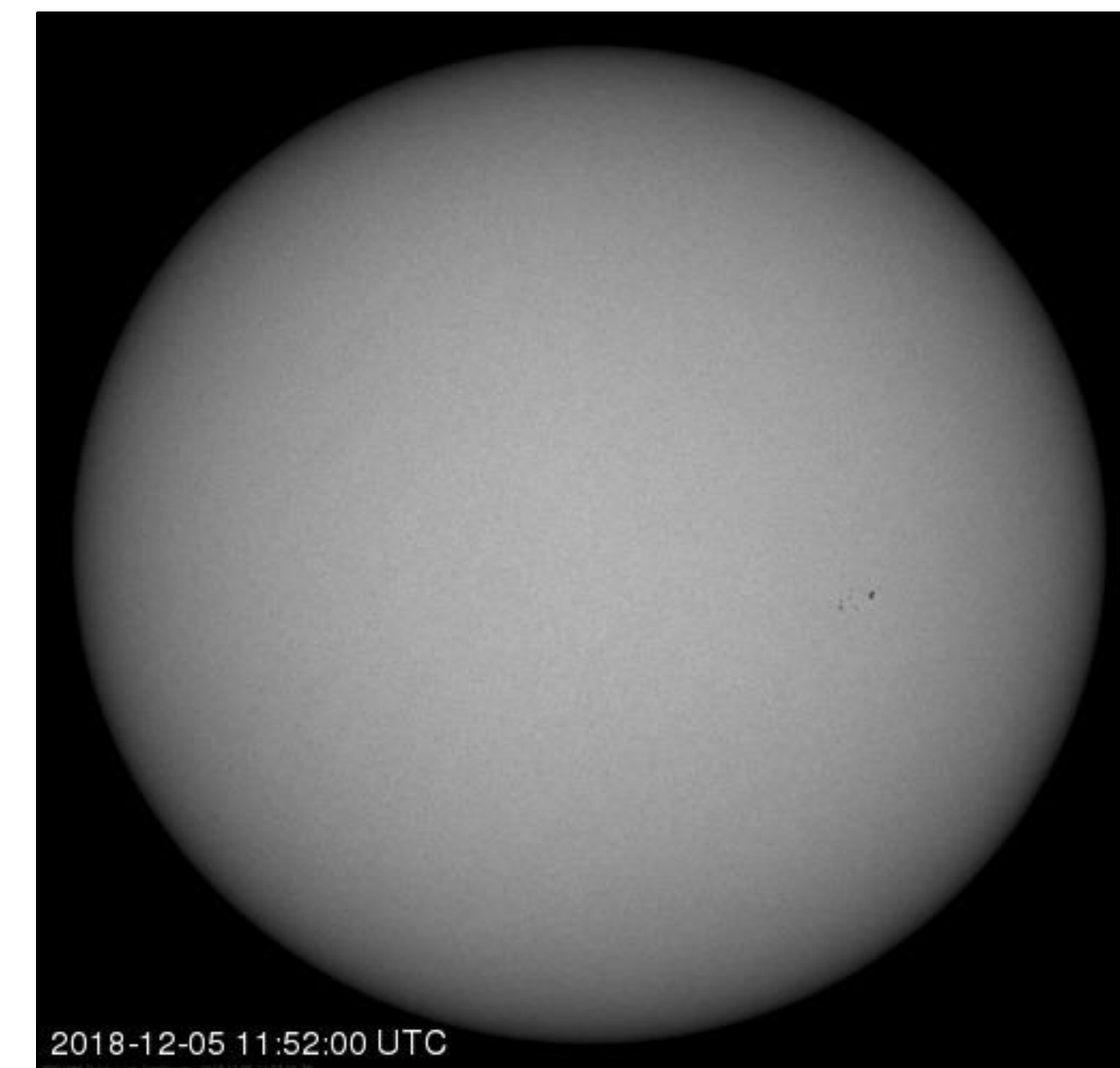
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	Wednesday	Thursday	Friday
Geomagnetic Storms	Minor (G1) Storm (Max Kp = 5)	Quiet to Unsettled (Max Kp = 3)	Quiet (Max Kp = 2)
Solar Radiation Storm (S1-S5)	1%	1%	1%
Radio Blackout (R1-R2)	1%	1%	1%
Radio Blackout (R3-R5)	1%	1%	1%



[Click here for a Description of the Space Weather Storm Scales](#)

[Click here for the Latest 3-Day Space Weather Forecast Text](#)



2018-12-05 11:52:00 UTC



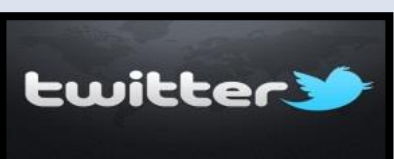
For more information, please contact:

National Weather Service
Southern Region Headquarters
Regional Operations Center
Fort Worth, TX

Phone: (682) 703-3747

E-mail: sr-srh.roc@noaa.gov

Web: <http://www.weather.gov/srh>



Weather “Threat” Matrix			
Color	Definition	Criteria	Example(s)
Green	Very Common Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active	<ul style="list-style-type: none"> Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX
Yellow	Somewhat Common – Happens Frequently Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook	<ul style="list-style-type: none"> 2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1” hail
Orange	Uncommon – A Few Times a Year Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions	<ul style="list-style-type: none"> A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail Some large fires reported, burn bans advertised, critical conditions expected
Red	Rare – Once every 1-5 Years Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought	<ul style="list-style-type: none"> A Category 1 hurricane will be moving towards the NW Gulf in the next few days Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail Large fires ongoing throughout the area with critical fire weather conditions expected to continue
Purple	Very Rare – Once Every 5-10 Years Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought	<ul style="list-style-type: none"> A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms

Criteria for the color codes in this briefing is to the left, please provide any feedback to

sr-srh.roc@noaa.gov